



LG G3 Vigor Display Assembly Replacement

Replace the display assembly on a LG G3 Vigor.

Written By: Zhong Zhen



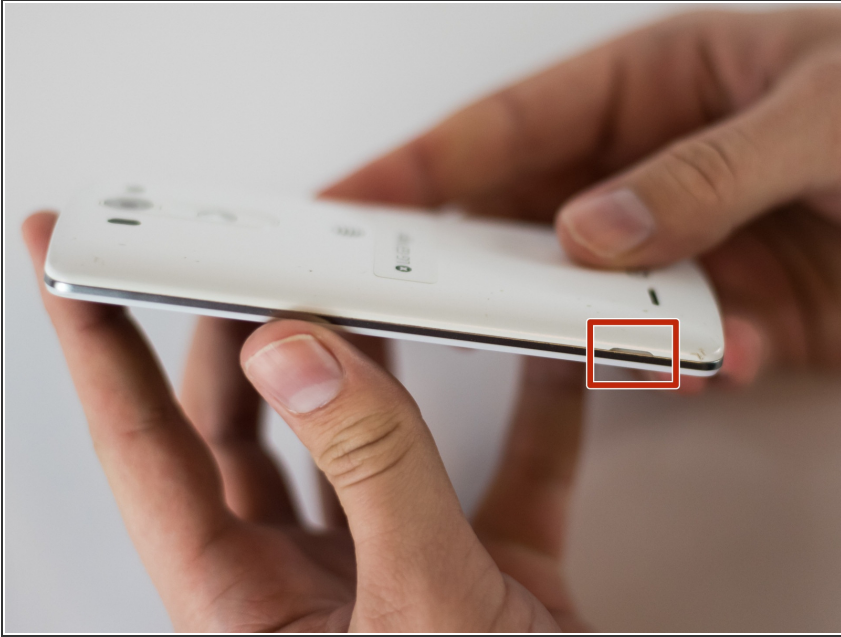
INTRODUCTION

Use this guide to replace the display assembly on your LG G3 Vigor.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [Metal Spudger](#) (1)
 - [Tweezers](#) (1)
 - [iOpener](#) (1)
-

Step 1 — Rear Case



- Locate the notch on the bottom right of the phone.

Step 2



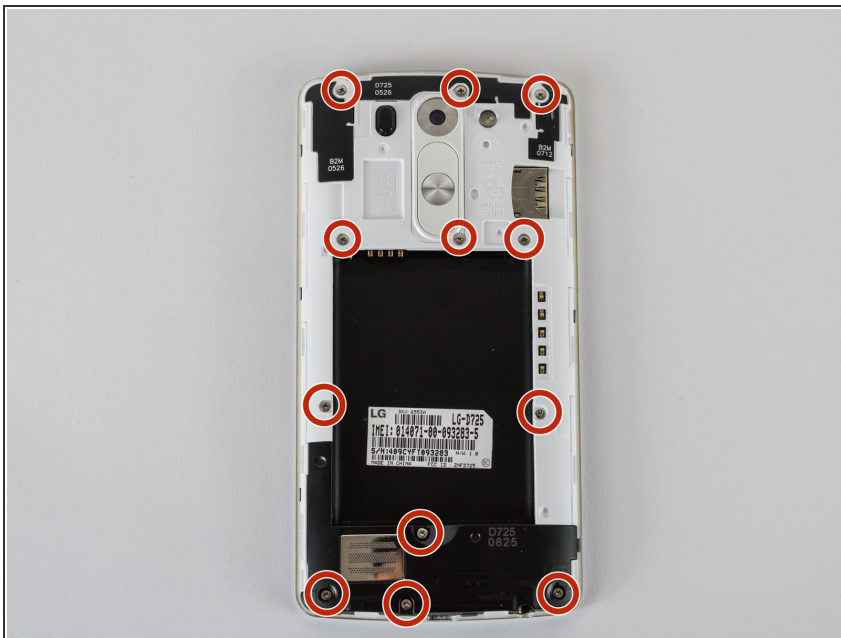
- Gently pull the cover on the back of the phone off to locate the battery.

Step 3 — Battery



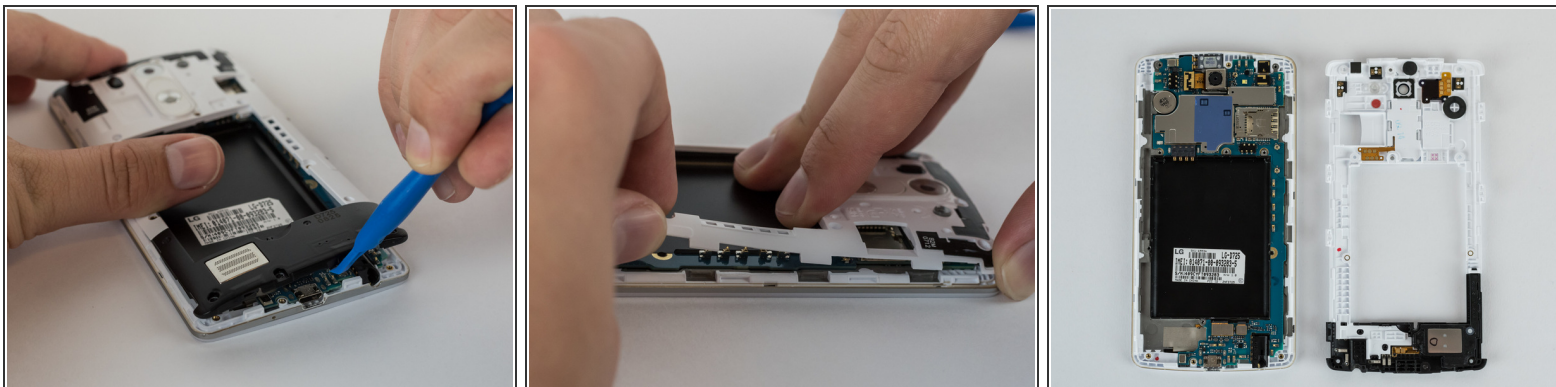
- Remove the battery by lifting from the slot at the bottom of the battery.

Step 4 — Midframe



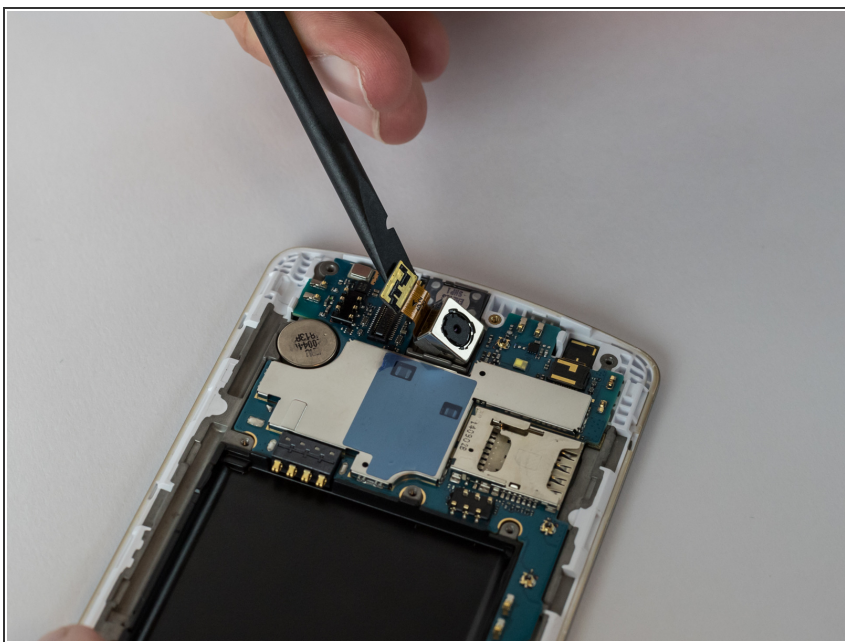
- Remove the twelve Phillips #00 screws securing the midframe to the rest of the phone.

Step 5



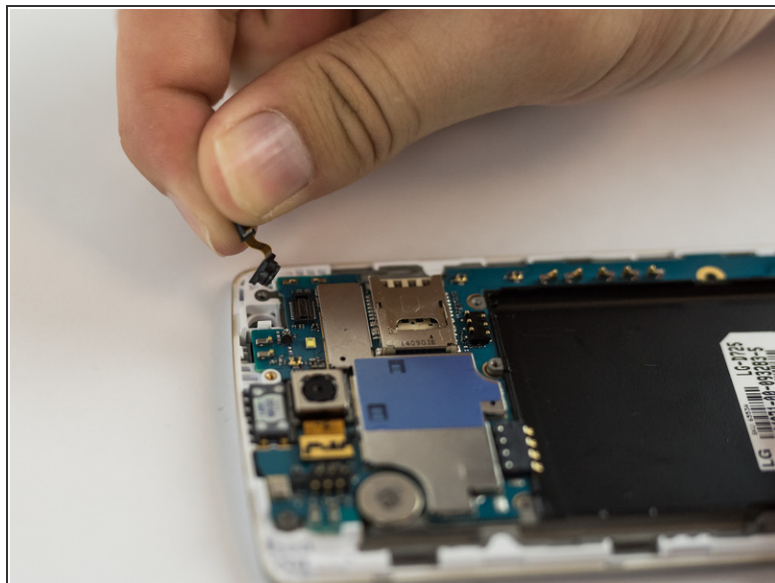
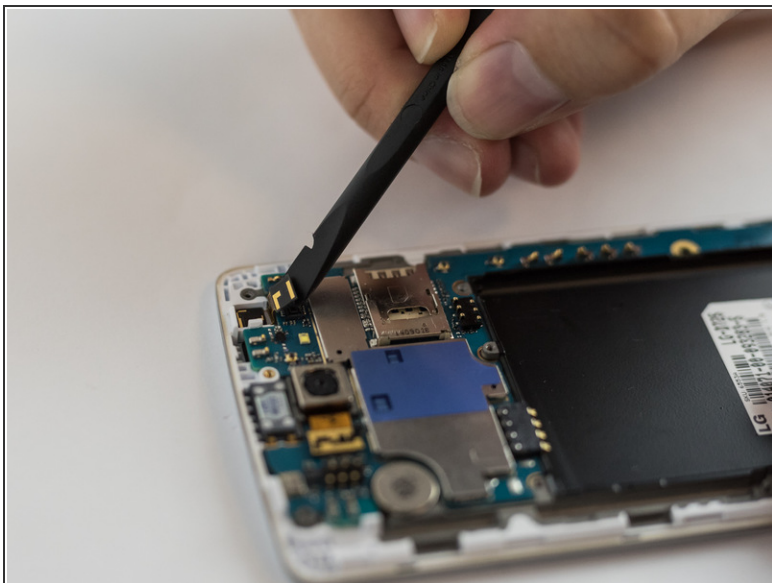
- Work a plastic opening tool around the perimeter of the phone to separate the midframe from the rest of the phone.

Step 6 — Rear Facing Camera



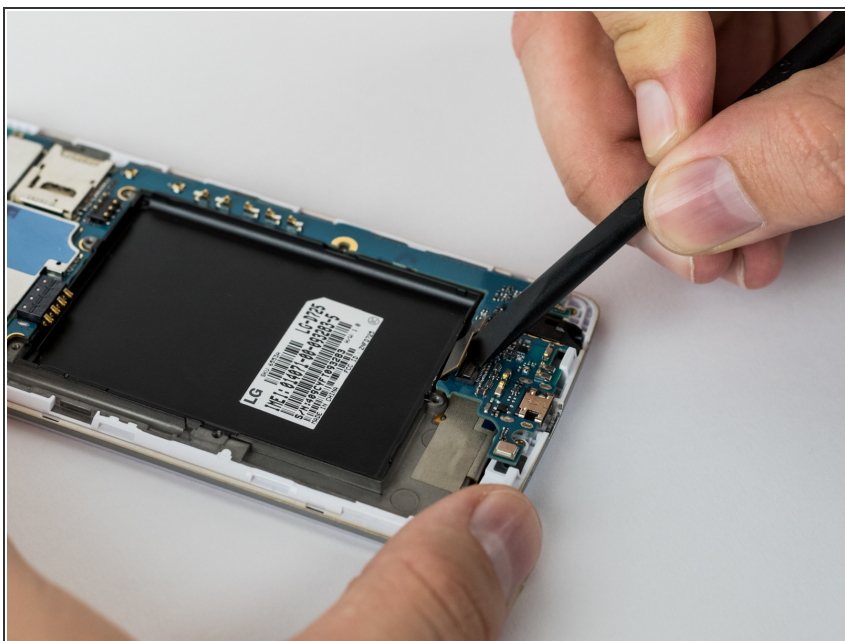
- Use the spudger to gently unplug the ribbon cable connected to the motherboard. Then remove the rear facing camera.

Step 7 — Front Facing Camera



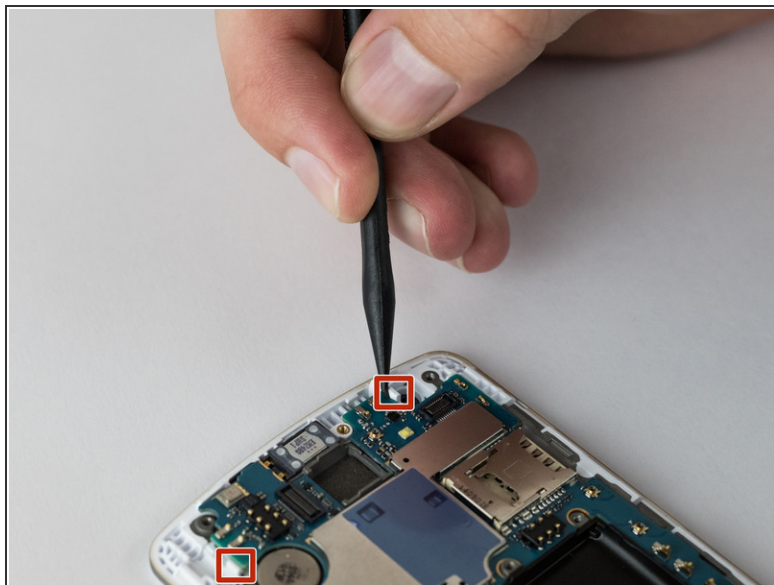
- Use the spudger to gently unplug the ribbon cable connected to the motherboard.
- Remove the front camera.

Step 8 — Motherboard



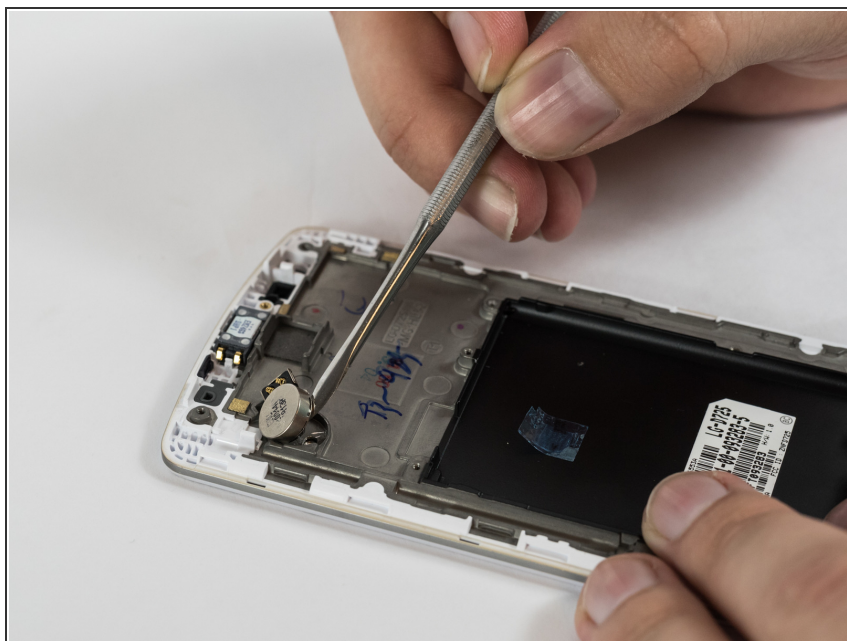
- Use the flat edge of a spudger to disconnect the motherboard ribbon connector.

Step 9



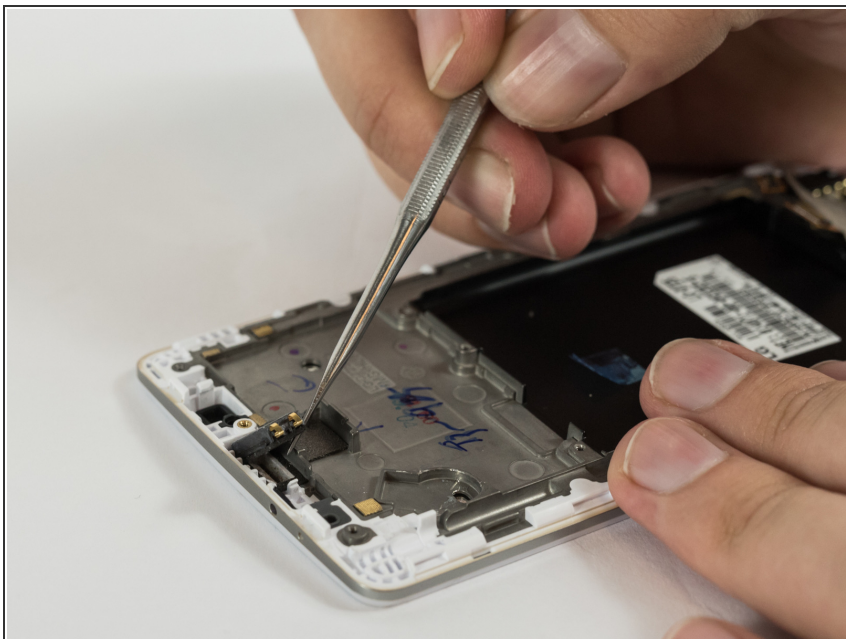
- Use the pointed end of a spudger to push back the two motherboard retaining flaps.
- The motherboard should now be able to be lifted out of the device.

Step 10 — Vibration Motor



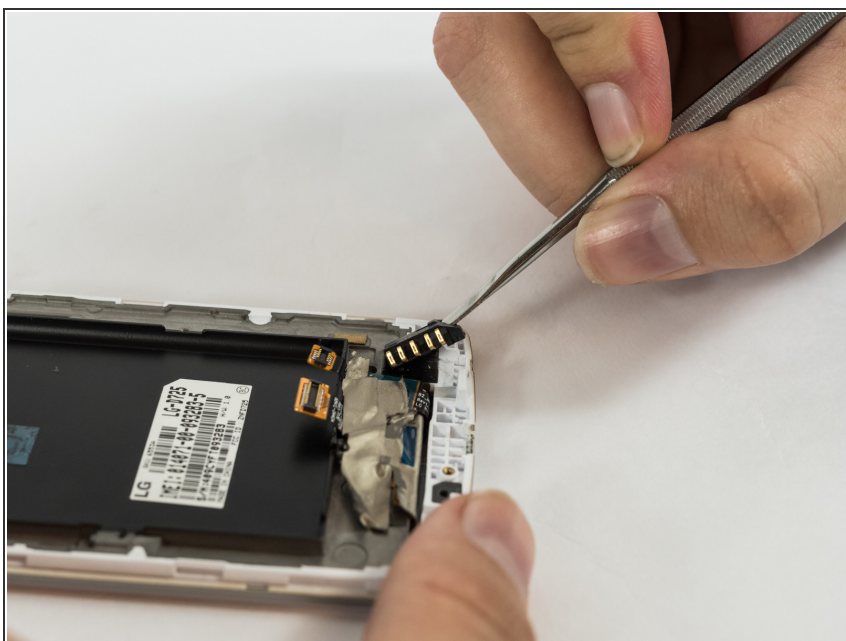
- Use a spudger to remove the vibration motor.
- ⓘ It may have some slight adhesive, so some force may be necessary.

Step 11 — Earpiece Speaker



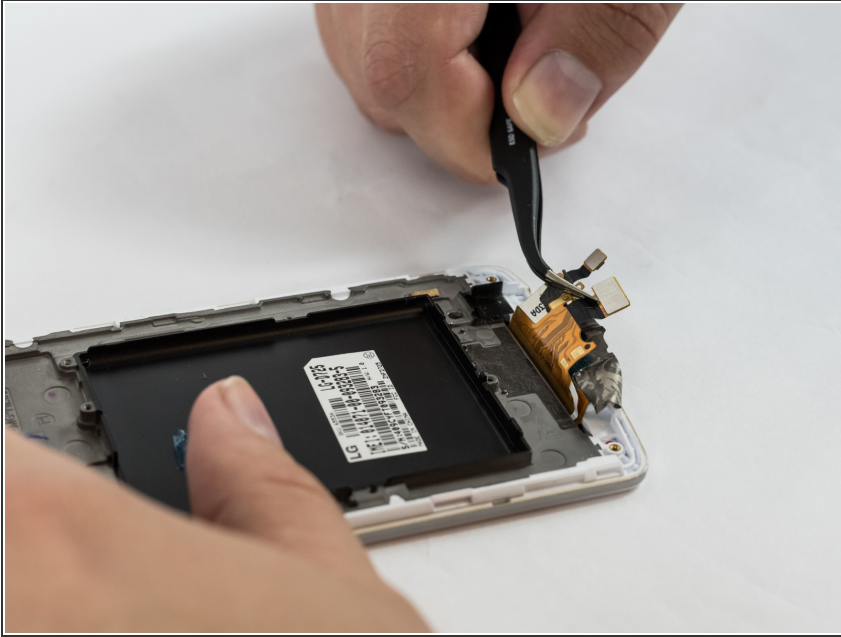
- Remove the earpiece speaker with the metal spudger by prying it out.

Step 12 — Headphone Jack



- Remove the headphone jack by inserting the spudger into the jack and pulling it up and out.

Step 13 — Display Assembly



- Using tweezers peel back the glued down ribbon cable at the bottom of the phone.

Step 14



- Using a heat gun or the iFixit iOpener tool heat up the edges of the devices screen.
- After a few minutes heating up the edges of the screen use a metal spudger tool or any other flat tool to dig under the edge of the screen.
- Once under the edge of the screen work your way around the entire perimeter of the screen and pull the screen off.

Step 15



- Once the screen has come off pull the ribbon cables through the hole and remove the screen completely.

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-07-07 12:24:42 PM.